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In re Patent Application of:	Attorney Docket No.: 2609-0008
ZHENG, Yuankai and WU, Yihong	Group Art Unit: Unassigned
Application Serial No. 10/577,216	Confirmation No.: 3351
I.A. Filing date: October 26, 2004	Examiner: Unassigned
Title: NANO-CONTACTED MAGNETIC MEMORY DEVICE	Date: November 28, 2006

Name(s) of paper(s) being transmitted:

Completion of Filing National Phase of PCT Application Under Rule 35 USC 371 (2 pages)  
 Notification of Missing Requirements Under 35 U.S.C. 371 in the United States DO/EO/US (2  
 pages)  
 Declaration (2 pages)  
 Assignment  
 Assignment Recordation Cover Sheet  
 Power of Attorney  
 Statement Under 37 CFR 3.73(B)  
 Additional copy of Assignment to complete Statement Under 37 CFR 3.73(B)

CERTIFICATE OF FACSIMILE TRANSMISSION			
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at the above facsimile number on the date shown below.			
Name:	Chris J. Thomas	Signature:	Date: 11/28/2006

CUSTOMER NUMBER
42624

DAVIDSON BERQUIST JACKSON & GOWDEY, LLP  
 4300 WILSON BLVD., 7TH FLOOR, ARLINGTON, VA 22203  
 703.894.6400 (main) • 703.894.6430 (Fax)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
**COMPLETION OF FILING NATIONAL PHASE OF PCT APPLICATION**  
**UNDER RULE 35 USC 371 AND 37 CFR 1.494(C) OR 1.495(C)**

In re PATENT APPLICATION of:

Inventor(s): ZHENG, Yuankai and WU, Yihong

Appln. No.: 10/577,216

Atty. Docket No.: 2609-0008

National Phase Field

Based on PCT/SG2004/000356

I.A. Filing Date: 10/26/2004

Title: NANO-CONTACTED MAGNETIC MEMORY DEVICE

Date: November 28, 2006

**FILING OF ITEM(S) LATE IN PCT/USA NATIONAL CASE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following **completes the filing** of the subject application under **Rule 494(c)/495(c)**. Please accept the following **attached** items:

1. ☒ Notification of Missing Requirements (PCT/DO/EO/905) ☒ copy attached ☐ not yet received
2. ☒ Signed Declaration ☐ Original ☒ Facsimile/Copy ☐ with specs/claims attached
3. ☒ Signed Assignment ☐ Original ☒ Facsimile/Copy
4. ☒ Assignment Recordation Cover Sheet
5. ☒ Power of Attorney ☐ Original ☒ Facsimile/Copy
- 5A. ☒ Statement Under 37 CFR 3.73 (B) 5B. ☒ Copy of Assignment
6. ☒ Please immediately start national examination procedures (35 USC 371(f))
7. ☒ Basic U.S. National fee per rule 492(a)(1)-(4) was previously timely filed on April 26, 2006.
8. Calculation of remaining fees due (if any): ☒ paid herewith as follows:  
8A. Small Entity Statement ☐ herewith ☐ previously filed

Fee calculation on next page

page 1 of 2

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U.S. Application No.: 10/577,216

Inventor(s): ZHENG, Yuankai and WU, Yihong

Title: NANO-CONTACTED MAGNETIC MEMORY DEVICE

Date: November 28, 2006

Docket No.: 2609-0008

NOV 28 2006

The following fees are being submitted herewith (if two amounts, lesser is for small entity [see box 8A])			
9.	<input checked="" type="checkbox"/> Filing Assignment	\$40	\$40
10.	<input type="checkbox"/> Examination fee -- If written opinion prepared by ISA/US or IPER prepared by IPEA/US indicates that all claims satisfy PCT Art. 33(1)-(4) then \$0, otherwise	\$200/\$100	\$0
11.	<input type="checkbox"/> Search Fee		
	<input type="checkbox"/> If written opinion prepared by ISA/US or IPER prepared by IPEA/US indicates that all claims satisfy PCT Art. 33(1)-(4) then	\$0	
	<input type="checkbox"/> Search fee has been paid in the international application to the USPTO as an International Searching Authority	\$100/\$50	
	<input type="checkbox"/> International Search Report prepared by an ISA other than US and provided to the PTO herewith or previously communicated to the US by the IB	\$400/\$200	
	<input type="checkbox"/> All other situations	\$500/\$250	
12.	Filing Declaration late, fee paid <input type="checkbox"/> previously <input checked="" type="checkbox"/> now	\$130/\$65	\$130
13.	<b>TOTAL FEES ENCLOSED</b>		<b>\$170</b>

14. ☒ Please charge the total fee to our deposit account below under the stated order no.: 2609-0008

Our Deposit Account No.: 501860

Our Order No. 2609-0008

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 and 492 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This Charge Statement does not authorize charge of the issue fee until/unless an Issue fee transmittal form is filed.15. **Correspondence Address:** Send all correspondence to the address associated with customer number 42624.

CUSTOMER NUMBER  
42624

11/30/2006 LLANDGRA 00000022 501860 10577216

01 FC:1617 130.00 DA

By:

Respectfully submitted,

Peter W. Gowdey

Registration No.: 25,872

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11/30/2006 LLANDGRA 00000022 501860 10577216

02 FC:8021 40.00 DA

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/577,216	Yuankai Zheng	2509-0008

INTERNATIONAL APPLICATION NO.
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PCT/SG04/00356

LA. FILING DATE	PRIORITY DATE
10/26/2004	10/31/2003

42624

DAVIDSON BERQUIST JACKSON & GOWDEY LLP  
4300 WILSON BLVD., 7TH FLOOR  
ARLINGTON, VA 22203

CONFIRMATION NO. 3351

371 FORMALITIES LETTER



\*OC000000021260781\*

Date Mailed: 11/17/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/26/2006
- Copy of the International Search Report filed on 04/26/2006
- Copy of IPE Report filed on 04/26/2006
- Preliminary Amendments filed on 04/26/2006
- Information Disclosure Statements filed on 04/26/2006
- Request for Immediate Examination filed on 04/26/2006
- U.S. Basic National Fees filed on 04/26/2006
- Priority Documents filed on 04/26/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

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- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
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**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/577,216	PCT/SG04/00356	2609-0008

FORM PCT/DO/EO/905 (371 Formalities Notice)